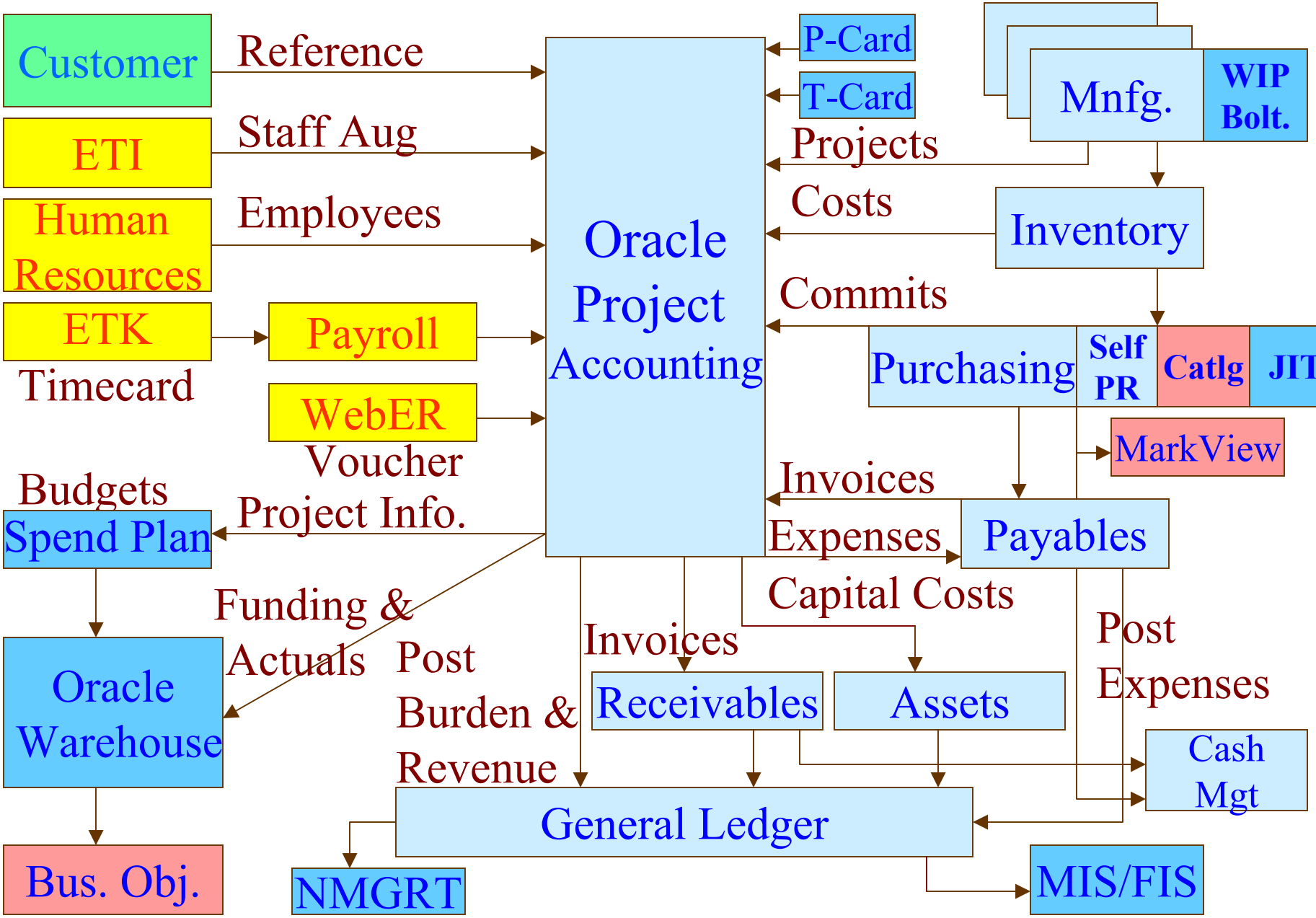
Sandia National Laboratories Financial Reporting System (FRS) Overview

- Gwen Pullen
  Sandia National Laboratories

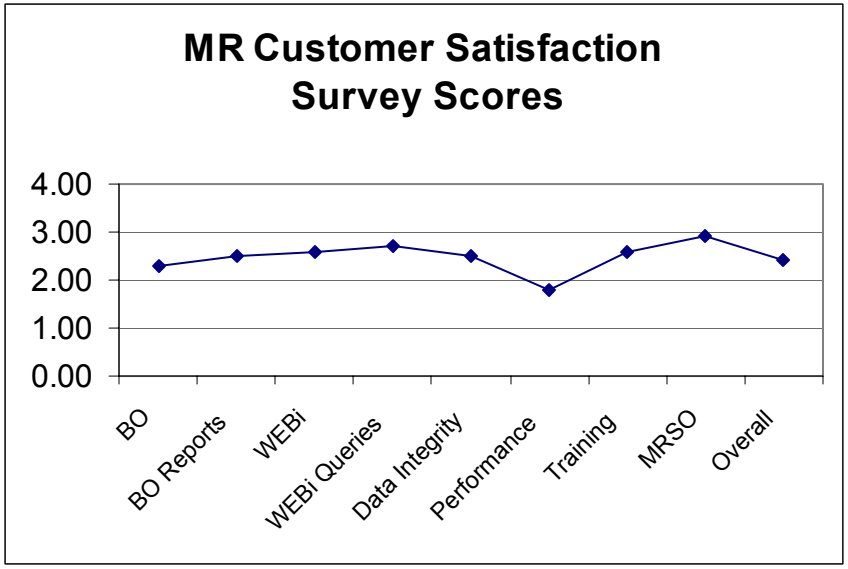
March 19, 2003

Sandia Oracle 11i



Financial Reporting Current State of Affairs

- Customer satisfaction is not where we want it to be.



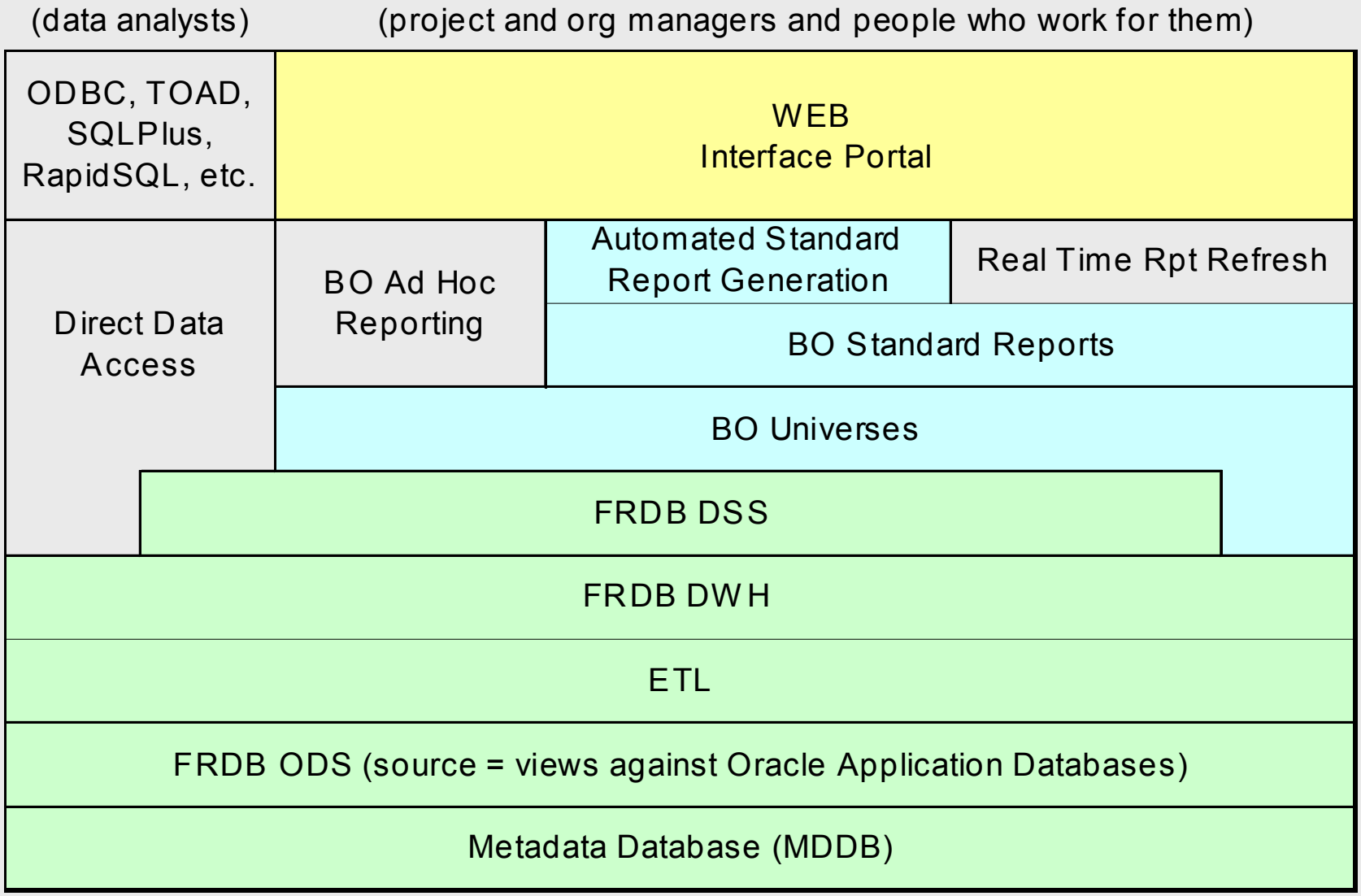
- Our customers gave Financial Management Reporting a score of 2.4 out of a possible 4 points…60%.

Topic	Score
BO	2.3
BO Reports	2.5
WEBi	2.6
WEBi Queries	2.7
Data Integrity	2.5
Performance	1.8
Training	2.6
MRSO	2.9
Overall	2.4

We Feel Your Pain

- Data Problems
  - **Completeness:** more data needed in warehouse
  - **Reliability:** ETL process requires improvement
  - **Reconciliation:** summary and detail don't always match
  - **FTEs:** move calculation to data warehouse
  - **PO commitments:** move calculation to data warehouse
- Reporting Problems
  - **Access:** many users find Business Objects difficult to use
  - **Complexity:** reports too big, hard to read, difficult to understand
  - **Fragmentation:** data spread across multiple reports
  - **Performance:** users perceive reports run too slow

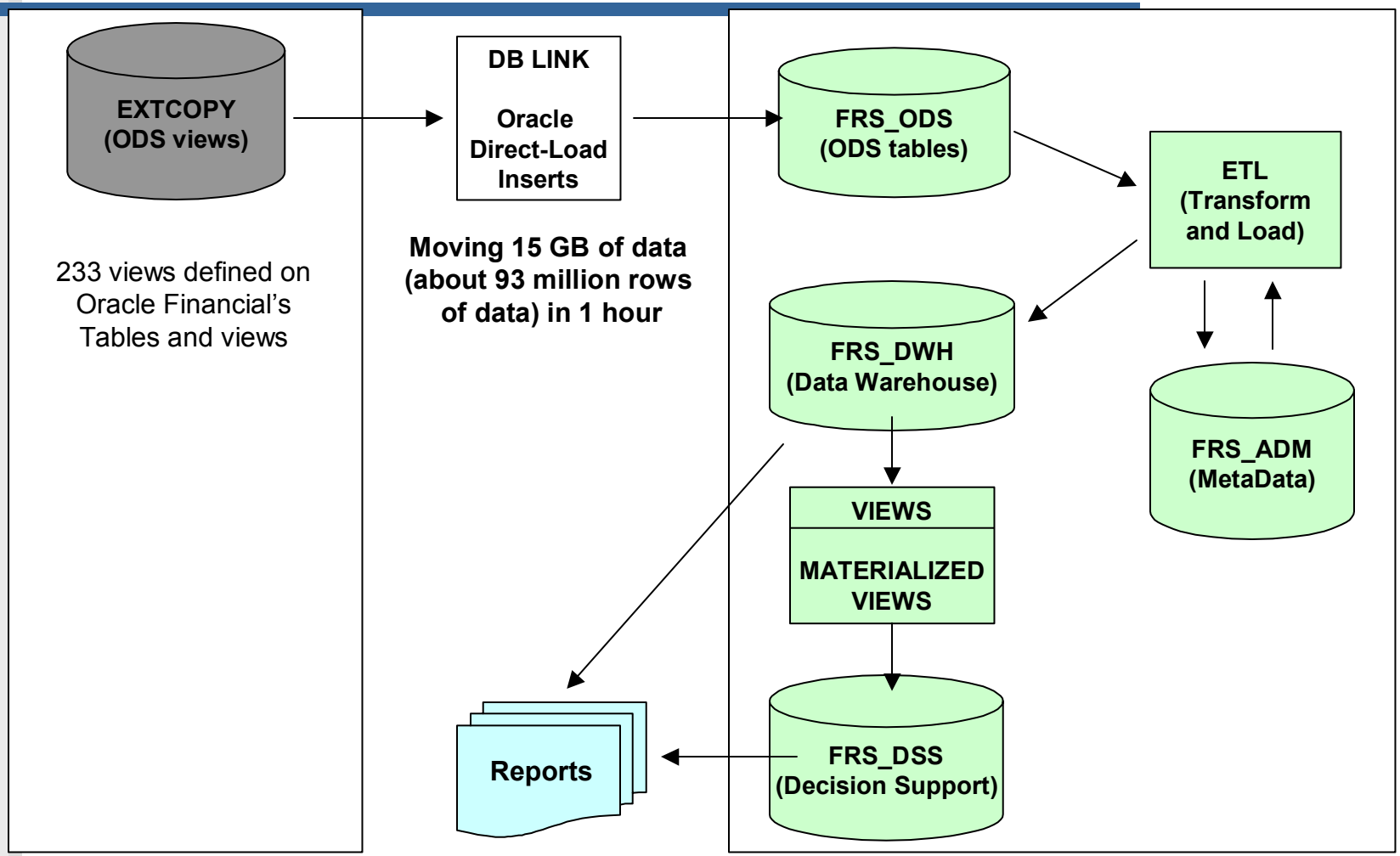
Financial Reporting System (FRS) High-Level Model



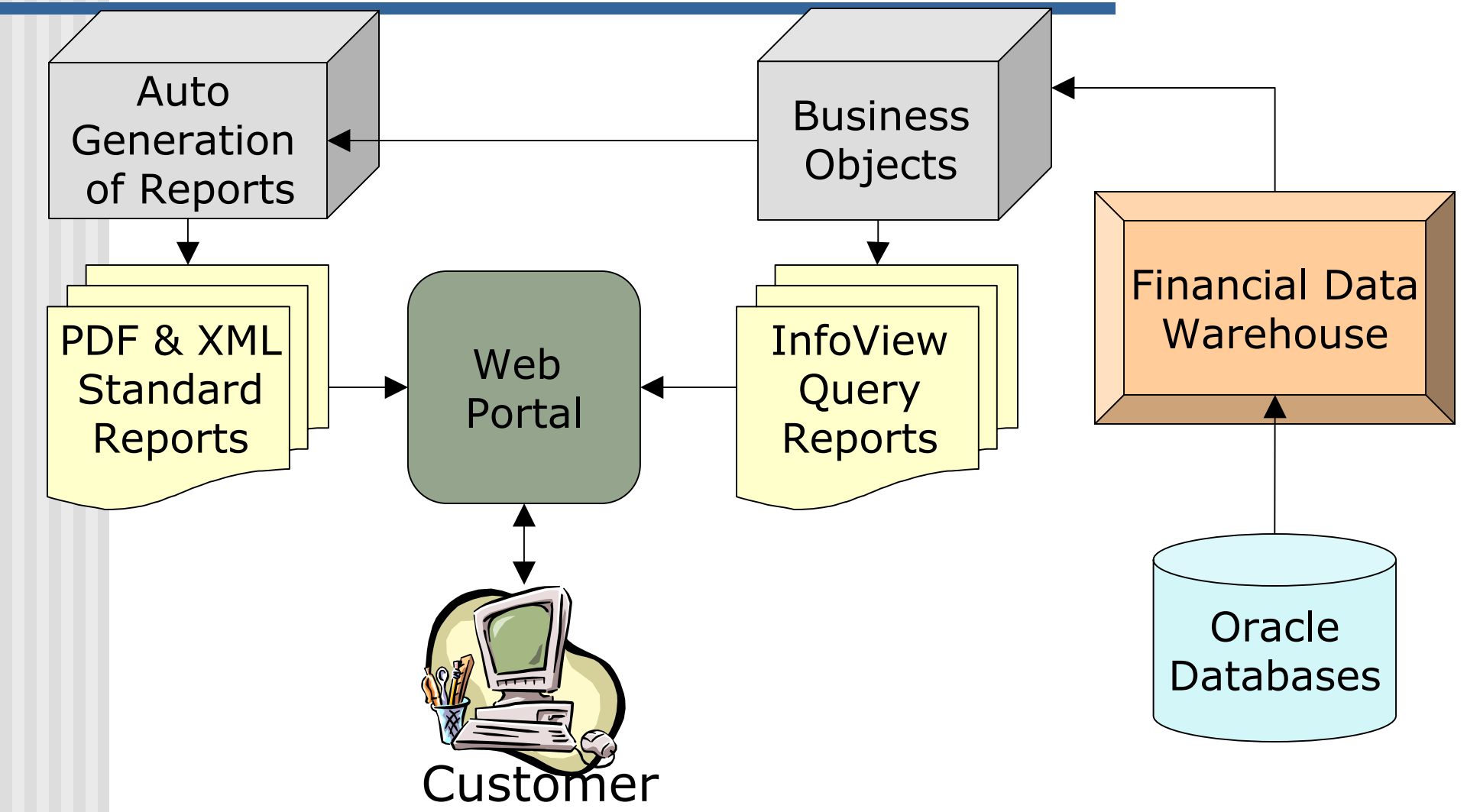
FRS High Level Information Flow

SOURCE
Oracle Financials DB Server
SAHP1695: OAPR1

TARGET
Data Warehouse DB Server
SAHP2169: FRPR1



FRS User Model



Key Benefits of FRS

- Customer input is driving report development.
- Report requirements are driving development of the data warehouse.
- Technical managers (task/project/org/sub-program, program, SBU) & financial analysts will be able to view standard reports in a web-based friendly environment without the need to use Business Objects.
  (Business Objects will still be available for those who wish to use it.)
- Financial analysts will be able to devote more time to analysis and less time to creating, distributing, & scheduling reports

Steps Required to View Project Status

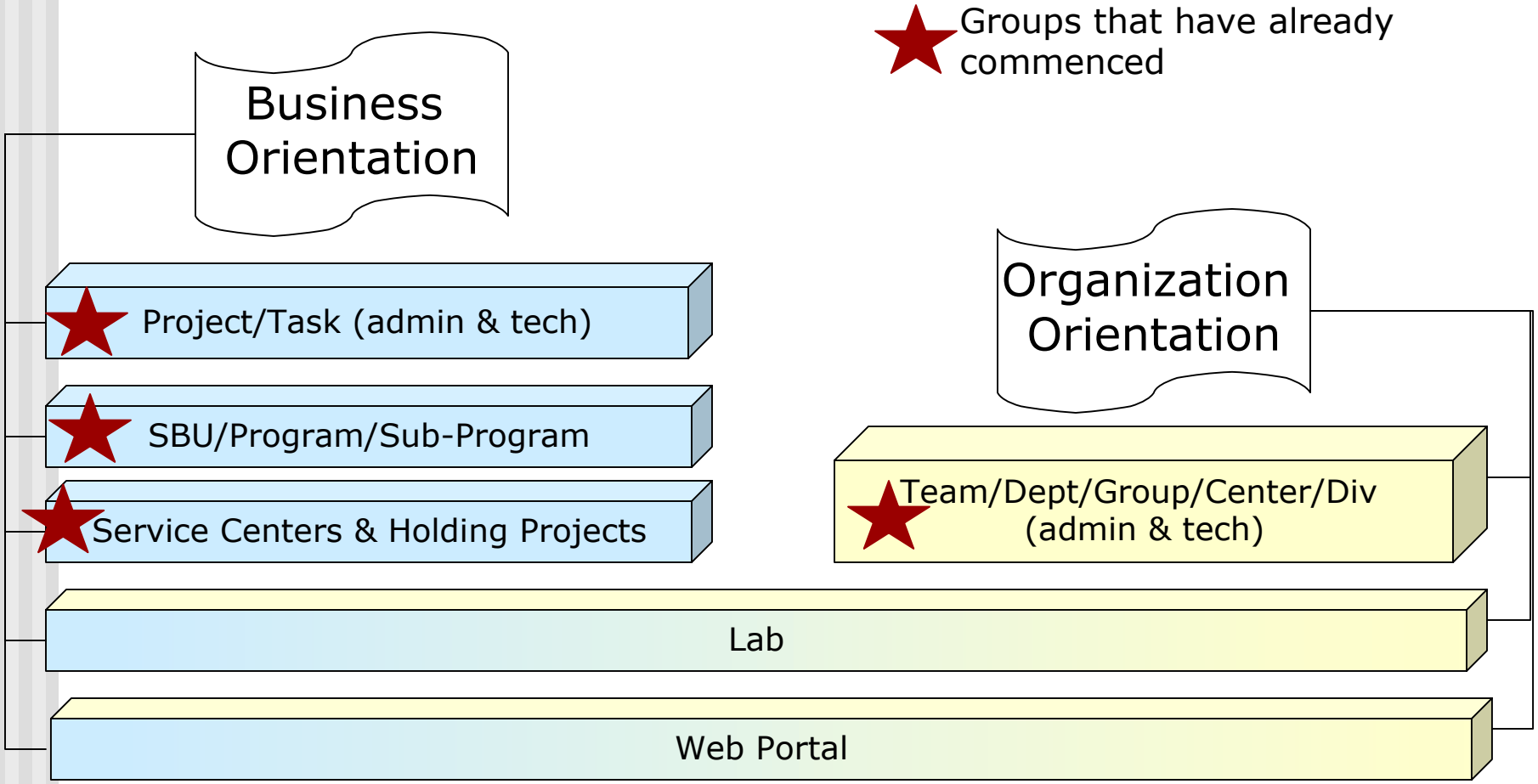
Previous Model

1. Get Business Objects License
2. Learn To Use Business Object
3. Retrieve Report Templates
4. Re-retrieve Report Templates
5. Sign into Business Objects
6. Open PT Report (+~8)
7. Refresh PT Report, et. al (+~8)
8. Schedule Reports via BCA
9. Re-schedule Reports via BCA

New Model

1. Open Web Browser
2. Navigate to FRS Web Page
3. Select Desired Project Report
4. View Project Report

FRS Focus Groups



Edit View Favorites Tools Help

Search Favorites Media

https://sasr089.sandia.gov/reportville/docs/index.cfm

Go

Home | My Reports | Report Search | WEBIntelligence | Business Objects | Help

A site dedicated to providing
easy access to financial reports

My Reports

UserID

FY-Month CURRENT search

Search for reports associated with your profile (role in Oracle and PeopleSoft)

Report Search

Report Type PROJECT

Search For

FY-Month earch

Search for an omatically generated

- TASK
- PROJECT
- ORGANIZATION
- SBU
- PROGRAM
- LAB-LEVEL
- REFERENCE

Help

Click on the question mark throughout the site for related help

Reportville News

- Status update on FRS implementation
- Known Issues
- New Job Aid: Introduction to FRS Website

MRSO Help Line: 845-8180 | MRSO Hours of Operation: 8 to 4, M - F | Email: MRSO
last modified:2/27/03

Reportville

Local intranet

tart

10:38

Edit View Favorites Tools Help
Search Favorites Media
https://sasr089.sandia.gov/reportville/docs/index.cfm
Go

7 report(s) found for the Userid (GMPULLE) and/or FY-Month (CURRENT):

PROJECT REPORTS

REPORT (PDF)	PROJ	PROJ NAME	ROLE	FY - MONTH	DOWNLOAD	CFY
PROJECT	53958	FINANCIAL REPORTING SYS	PROJECT MANAGER	FY03 - FEB	DOWNLOAD	CFY
PROJECT DETAIL	53958	FINANCIAL REPORTING SYS	PROJECT MANAGER	FY03 - FEB	DOWNLOAD	CFY

TASK REPORTS

REPORT (PDF)	PROJ	TASK NUM	PROJ NAME	ROLE	FY - MONTH	DOWNLOAD	CFY
TASK MANAGER	10432	10	CONTROLLER	TASK MANAGER	FY03 - FEB	DOWNLOAD	CFY
TASK MANAGER DETAIL	10432	10	CONTROLLER	TASK MANAGER	FY03 - FEB	DOWNLOAD	CFY

ORGANIZATION REPORTS

REPORT (PDF)	ORG	ORG MGR	ORG TITLE	ROLE	FY - MONTH	DOWNLOAD	CFY
CHARGING ORG	10511	PULLEN,GWEN M.	10511 - PROJECT ACCOUNTING & REPORTING	MANAGER	FY03 - FEB	DOWNLOAD	CFY
CHARGING ORG DETAIL	10511	PULLEN,GWEN M.	10511 - PROJECT ACCOUNTING & REPORTING	MANAGER	FY03 - FEB	DOWNLOAD	CFY
PO UNDER 25K	10511	PULLEN,GWEN M.	10511 - PROJECT ACCOUNTING & REPORTING	MANAGER	FY03 - FEB	DOWNLOAD	CFY

Local intranet
10:30

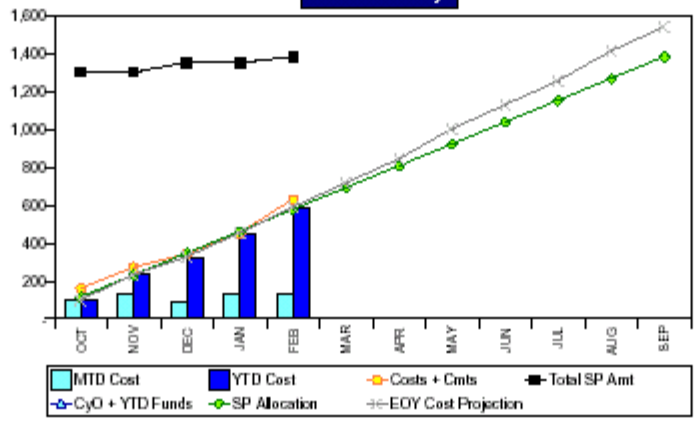
- Cover
- Overview ($K)
- Balances by Task
- Balances by Chg Org
- Balances by Task/Chg Org
- Elements by Task ($K)
- Elements by Task
- Elements by Chg Org
- Elements by Task/Chg Org
- Commitments
- PA Transfers
- Funds by Agmt
- Agmt Reference
- Project Reference (Active Tasks)
- Project Reference (All Tasks)

Monthend Data as of Feb 28, 2003
Week 4 of 4 of Acctg Month FEB
Week 22 of 52 in FY03, 42% of FY

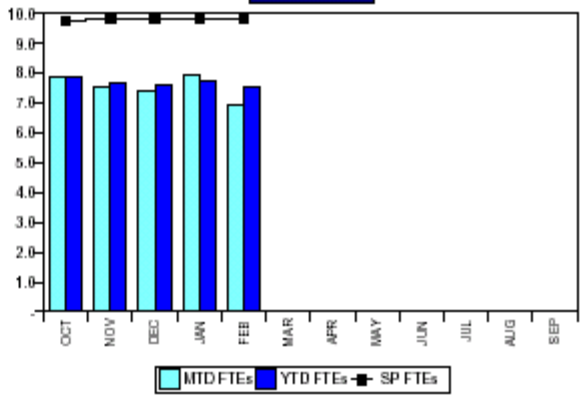
Project Overview ($K)
for Project 53958, FINANCIAL REPORTING SYS

Total Costs YTD:	$ 591 K	Project Mgr: PULLEN,GWEN M.		SP Target:	$ 1,386 K
Spend Plan:	$ 1,386 K	Project Mng Org: 10511		CFY PO Cmts:	$ 40 K
CyO + YTD Funds:	UNFUNDED	B&R Num: YN0100000		SFY PO Cmts:	$ 0 K

Totals Summary



FTEs



			Costs							Spend Plan		Commitments			Funds			
Month	MTD FTEs	YTD FTEs	Labor	Purchases	Travel	Chgbks	Total	YTD % Costed	EOY Projection*	Total	Monthly Cumul SP	CFY PO	Costs + CFY PO	% Cost + Cmts	Carryover: This Project Is UNFUNDED. MTD	CyO+YTD	Uncosted	CFY Uncmt*
OCT	7.9	7.9	96	0	1	0	97	7.5%	97	1,304	116	62	159	12.2%				
NOV	7.5	7.7	107	28	1	1	136	17.9%	233	1,304	231	39	272	20.9%				
DEC	7.4	7.6	64	28	0	.	92	24.0%	326	1,355	347	18	343	25.3%				
JAN	8.0	7.7	102	23	1	1	128	33.5%	453	1,355	462	0	453	33.5%				
FEB	6.9	7.6	84	21	.	32	137	42.6%	591	1,386	578	40	630	46.5%				
MAR									718		693							
APR									845		809							
MAY									1,003		924							
JUN									1,130		1,040							
JUL									1,257		1,155							
AUG									1,416		1,271							
SEP									1,543		1,386							
		YTD >	452	100	4	35	591										* (Uncosted Funds less CFY PO Cmts)	

* A straightline projection of the running average of total costs (does not include commitments) over the previous eight weeks of the current FY.

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for Project 53958, FINANCIAL REPORTING SYS

Total Costs YTD: $ 591 K
Spend Plan: $ 1,386 K
CyO + YTD Funds: UNFUNDED
Project Mgr: PULLEN,GWEN M.
Project Mng Org: 10511
B&R Num: YN0100000
SP Target: $ 1,386 K
CFY PO Cmts: $ 40 K
SFY PO Cmts: $ 0 K

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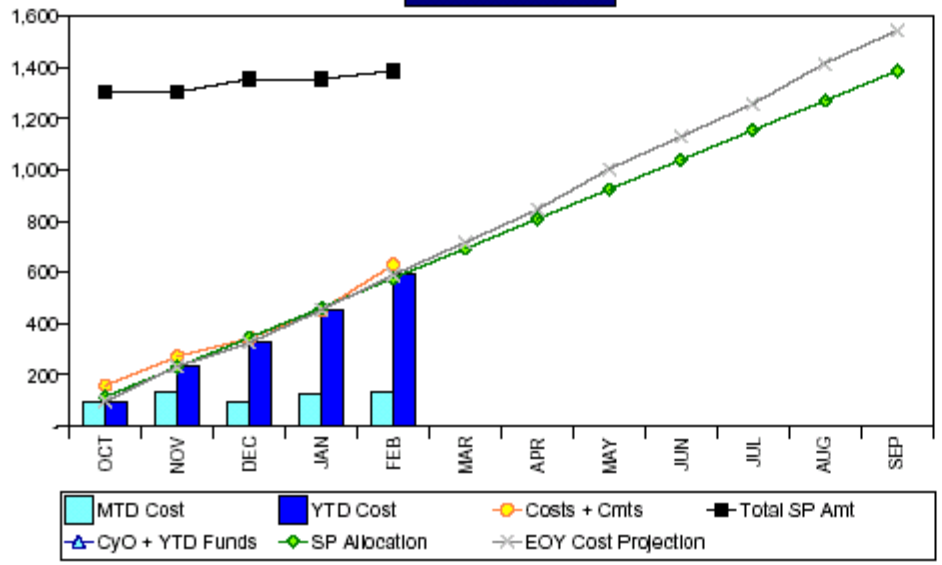
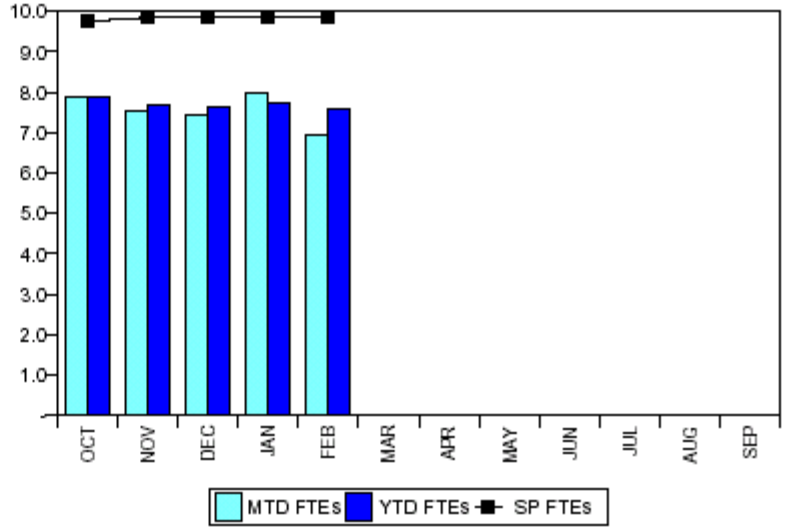
Totals Summary



FTEs



			Costs							Spend Plan		Commitments			Funds			
	MTD	YTD						YTD %	EOY		Monthly	CFY	Costs +	% Cost	Carryover: This Project is UNFUNDED.			
Month	FTEs	FTEs	Labor	Purchases	Travel	Chgbks	Total	Costed	Projection*	Total	Cumul SP	PO	CFY PO	+ Cmts	MTD	CyO+YTD	Uncosted	CFY Uncmt*
OCT	7.9	7.9	96	0	1	0	97	7.5%	97	1,304	116	62	159	12.2%				
NOV	7.5	7.7	107	28	1	1	136	17.9%	233	1,304	231	39	272	20.9%				
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Cost Elements by Task ($K)
for Project 53958, FINANCIAL REPORTING SYS

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CyO + YTD Funds:	UNFUNDED	B&R Num: YN0100000		SFY PO Cmts:	$ 0 K

	FTEs			Totals			Labor			Purchases			Travel			Chargebacks		
Task	MTD	YTD	SP	MTD	YTD	SP	MTD	YTD	SP	MTD	YTD	SP	MTD	YTD	SP	MTD	YTD	SP
Report Total:	6.9	7.6	9.9	137	591	1,386	84	452	966	21	100	389	-	4	14	32	35	17
01	-	-	9.8	-	-	1,305	-	-	923	-	-	350	-	-	14	-	-	17
01.01.01	0.9	1.3	-	10	84	-	10	82	-	-	2	-	-	-	-	0	0	-
01.01.02	-	0.0	-	23	95	-	3	11	-	20	83	-	-	-	-	0	1	-
01.02.01	3.5	3.7	-	43	222	-	42	221	-	0	1	-	-	0	-	0	1	-
01.02.02	1.1	1.1	-	10	64	-	10	58	-	-	6	-	-	-	-	0	0	-
01.02.03	-	-	-	32	32	-	-	-	-	-	-	-	-	-	-	32	32	-
01.03	0.4	0.5	-	5	20	-	5	19	-	-	0	-	-	-	-	0	1	-
01.08	-	0.0	-	-	5	-	-	0	-	-	3	-	-	1	-	-	-	-
01.09	1.0	0.9	-	12	59	31	12	55	31	0	2	-	-	2	-	0	0	-
02	-	-	0.1	-	-	50	-	-	12	-	-	38	-	-	-	-	-	-
02.01	0.0	0.0	-	0	6	-	0	3	-	-	3	-	-	-	-	-	0	-
02.02	0.1	0.1	-	1	4	-	1	4	-	-	-	-	-	-	-	-	-	-

- Labor Summary
- Labor by Person
- Labor Detail
- Purchases Summary
- Purchases Detail
- Travel Summary by Task
- Travel Summary by Person
- Travel Detail
- Chgbks Summary
- Chgbks Detail

Monthend Data as of Feb 28, 2003
Week 4 of 4 of Acctg Month FEB
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Labor Summary by Task
for Project 53958, FINANCIAL REPORTING SYS

(Rpt Sub Cat) >	Total Labor		Employees (EMPL)		Contract Associates (CONTASSOC)		Limited Term Employees (LTEs)		Students (STUD)		Faculty (FAC)		Post Docs (POSTDOC)		Misc Payroll Expense (MISCPAY)	
Task	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD
Report Total:	84,019	451,926	74,073	399,252	9,946	52,674	-	-	-	-	-	-	-	-	-	
01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
01.01.01	10,377	82,069	10,377	79,955	-	2,114	-	-	-	-	-	-	-	-	-	
01.01.02	2,668	10,723	2,668	10,723	-	-	-	-	-	-	-	-	-	-	-	
01.02.01	42,331	221,081	34,318	172,817	8,013	48,264	-	-	-	-	-	-	-	-	-	
01.02.02	10,340	57,545	10,340	57,545	-	-	-	-	-	-	-	-	-	-	-	
01.03	4,783	18,952	2,849	17,019	1,933	1,933	-	-	-	-	-	-	-	-	-	
01.08	-	63	-	63	-	-	-	-	-	-	-	-	-	-	-	
01.09	11,856	54,779	11,856	54,779	-	-	-	-	-	-	-	-	-	-	-	
02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
02.01	317	2,810	317	2,447	-	363	-	-	-	-	-	-	-	-	-	
02.02	1,346	3,904	1,346	3,904	-	-	-	-	-	-	-	-	-	-	-	

Monthend Data as of Feb 28, 2003
Week 4 of 4 of Acctg Month FEB
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Labor Summary by Person
for Project 53958, FINANCIAL REPORTING SYS

Person	Labor Hours		Labor Costs		% of Total Hours	Labor SP
	MTD	YTD	MTD	YTD	WORKED YTD	
Report Total:	1,311	7,227	84,019	451,926		965,892
BACA,LENORA E.	151	700	6,079	28,069	100.0 %	-
BLACKLEDGE,DAVID L.	4	34	267	2,273	4.6 %	-
FILKINS,DARRELL L.	167	836	10,340	52,580	94.8 %	-
FRUMKIN,JOANNA B.	116	547	7,182	34,363	100.0 %	-
FULCHER,CINDY	90	516	3,867	22,129	99.8 %	-
GARRISON,STANLEY D.	192	1,010	16,044	85,777	100.0 %	-
GURULE,ROSE MARY	74	786	3,050	33,150	100.0 %	-
LARSON,JOHN A.	4	5	349	524	0.7 %	-
LUCERO,GINA	-	7	-	363	1.0 %	-
MOLERES,JOHN R.	162	665	13,546	56,426	100.0 %	-
NAME UNAVAILABLE	-	-	-	-		934,892
OUTKA,JENNIFER P.	-	27	-	2,114	100.0 %	-
PHILLIPS,MARY K. C.	152	866	8,522	49,305	100.0 %	-
PULLEN,GWEN M.	120	623	10,021	52,943	90.8 %	-
SWEENEY,DONALD G.	56	580	2,772	29,773	86.2 %	-
TRECHTER,RAYMOND	1	2	50	175	0.2 %	-
WASHINGTON,JANICE E.	4	5	95	129	0.7 %	-
WEATHERLY,BILLIE K.	20	20	1,836	1,836	2.7 %	31,000

2 of 13
11 x 8.5 in
10:36

Monthend Data as of Feb 28, 2003
Week 4 of 4 of Acctg Month FEB
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Purchases Summary by Task
for Project 53958, FINANCIAL REPORTING SYS

(Rpt Sub Cat) >	Total Purchases Costs		Purchases Orders (PO)		Just-In-Time (JIT)		Procurement Card (PCARD)		Non-PO Purchases (NON-PO)		Misc Empl Expense (MEE)		Commitments		
													Purchase	CFY	SFY
TASK	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	MTD	YTD	Reqs (PR)	PO	PO
Report Total:	20,545	99,873	20,138	83,138	-	3,029	304	7,526	-	-	104	6,180	-	39,888	-
01.01.01	-	1,657	-	-	-	-	-	1,435	-	-	-	222	-	-	-
01.01.02	20,138	83,225	20,138	83,138	-	-	-	-	-	-	-	87	-	39,888	-
01.02.01	304	704	-	-	-	31	304	386	-	-	-	287	-	-	-
01.02.02	-	5,786	-	-	-	-	-	5,706	-	-	-	80	-	-	-
01.03	-	158	-	-	-	158	-	-	-	-	-	-	-	-	-
01.08	-	3,200	-	-	-	-	-	-	-	-	-	3,200	-	-	-
01.09	104	2,303	-	-	-	-	-	-	-	-	104	2,303	-	-	-
02.01	-	2,840	-	-	-	2,840	-	-	-	-	-	-	-	-	-

5 of 13
11 x 8.5 in
10:37

Monthend Data as of Feb 28, 2003
Week 4 of 4 of Acctg Month FEB
Week 22 of 52 in FY03, 42% of FY

Purchases Detail by Task Chg Org for Project 53958, FINANCIAL REPORTING SYS

Chg Org	Rpt Sub Cat	Identifier *	Description	Costs MTD	Costs YTD	Commitments PR	Commitments CFY PO	Commitments SFY PO
			Report Total:	20,545	99,873	-	39,888	-
Task 01.01.01		DWH MAINT & OPS	*Subtotal:*	-	1,657	-	-	-
09524	PCARD	LANG,LAURA	BASE TECHNOLOGIE VA	-	536	-	-	-
10511	MEE	EXP RPT #20021220 GARRISON,STANLEY D.	FRS Offsite on 12/12/02	-	222	-	-	-
10511	PCARD	FILKINS,DARRELL L.	BODYBILT SEATING TX BodyBilt Chair	-	717	-	-	-
10511	PCARD	FILKINS,DARRELL L.	Compact Flash Memory 512 meg	-	181	-	-	-
Task 01.01.02		DWH ENHANCEMENTS	*Subtotal:*	20,138	83,225	-	39,888	-
10511	MEE	EXP RPT #20021004 PHILLIPS,MARY K. C.	Year End	-	87	-	-	-
10511	PO	28633 THOMAS N EYTCHESON	COMPUTER	20,138	83,138	-	-	-
10511	PO	28633 THOMAS N EYTCHESON	Software Consulting / Proj. Cum. Approvd $450K for five years	-	-	-	39,888	-
Task 01.02.01		RPTG MAINT & OPS	*Subtotal:*	304	704	-	-	-
10511	JIT	97740 PAGE ONE INC	Publications/ Books	-	31	-	-	-
10511	MEE	Expense Report GARRISON,STANLEY D.	Interview Luncheon for John Moleres	-	65	-	-	-
10511	MEE	EXP RPT #20021220 GARRISON,STANLEY D.	FRS Offsite on 12/12/02	-	222	-	-	-
10511	PCARD	FILKINS,DARRELL L.	Cable Modem for VPN Connection	78	78	-	-	-
10511	PCARD	FILKINS,DARRELL L.	KVM Setup	163	163	-	-	-
10511	PCARD	FILKINS,DARRELL L.	VPN Cable Connection	63	63	-	-	-
10511	PCARD	FILKINS,DARRELL L.	VPN Connection	-	82	-	-	-
Task 01.02.02		STD RPTG ENHANCE	*Subtotal:*	-	5,786	-	-	-
10511	MEE	EXP RPT #20021004 PHILLIPS,MARY K. C.	Year End	-	80	-	-	-
10511	PCARD	FILKINS,DARRELL L.	2 BUYSTORE FL 10 Cable sets for KV	-	130	-	-	-
10511	PCARD	FILKINS,DARRELL L.	AMAZON.COM *SUP WA Oracle Built-In Pack	-	35	-	-	-
10511	PCARD	FILKINS,DARRELL L.	BUY.COM CA Wireless network pc	-	60	-	-	-
10511	PCARD	FILKINS,DARRELL L.	COMCAST CABLEVSI NM VPN Connection	-	25	-	-	-
10511	PCARD	FILKINS,DARRELL L.	DLT SOLUTIONS IN VA TOAD Maintenance for	-	5,051	-	-	-
10511	PCARD	FILKINS,DARRELL L.	HARMONY COMPUTER NY four KVM Switches fo	-	348	-	-	-
10511	PCARD	FILKINS,DARRELL L.	SMALL DOG ELECTR VT Six packages of Klea	-	57	-	-	-
Task 01.03		CONSULTING & CUS SUP	*Subtotal:*	-	158	-	-	-
10511	JIT	100382 SAFETY OPTICAL	Safety Glasses	-	125	-	-	-
10511	JIT	75809 SAFETY OPTICAL	Safety Glasses	-	32	-	-	-
Task 01.08		FRS TRAINING	*Subtotal:*	-	3,200	-	-	-
10511	MEE	EXP RPT #20030105 HENDERSON,THOMAS G.	Attend Business Objects SI Courses	-	1,000	-	-	-

* PO = PO Num, PR = PR Num, JIT = PO Num, PCard = Cardholder, NONPO = Invoice Num, MEE = Invoice Desc